

10/517855 10/517855

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
31 December 2003 (31.12.2003)

PCT

(10) International Publication Number  
**WO 2004/001622 A1**

- (51) International Patent Classification<sup>7</sup>: **G06F 17/00**, 15/18, 7/00
- (21) International Application Number: **PCT/US2003/018795**
- (22) International Filing Date: 13 June 2003 (13.06.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
60/390,559 21 June 2002 (21.06.2002) US  
60/396,284 3 July 2002 (03.07.2002) US
- (71) Applicant (for all designated States except US): **IMS HEALTH INCORPORATED [US/US]**; 660 West Germantown Pike, Plymouth Meeting, PA 19462 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **SOMERVILLE, Joseph [US/US]**; 571 Bow Lane, Gilbertsville, PA 19525 (US).
- (74) Agent: **RAGUSA, Paul, A.**; Baker Botts LLP, 30 Rockefeller Plaza, New York, NY 10112-4498 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **BRAND/GENERIC CLASSIFICATION SYSTEM**

Gather product information- 210



Determine whether product is first introduction - 220



Determine whether product is patented - 230



Determine product source(s) - 240



Determine whether product has associated trade name - 250



Categorize product - 260

(57) Abstract: A method and system for categorizing a medical or a pharmaceutical product. The method includes determining an originator indicator for the product (220), determining a patent status (240), determining a tradename indicator for the product (250), and categorizing the product (260) as a branded product or a generic product, using the determined originator indicator, patent status indicator, source indicator, and tradename indicator.

WO 2004/001622 A1

10/517855

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/18795

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : G06F 17/00, 15/18, 7/00

US CL : 706/55, 48, 20; 707/5

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 706/55, 48, 20; 707/5

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
EAST DatabaseElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
IEEE Online, ACM Online, NEC Research Index Online**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A,P	US 6,529,892 B1 (LAMBERT) 04 March 2003 (04.03.2003), see entire document, especially column 3, line 55 through column 4, line 10.	1,17,33
A	US 2002/0042726 A1 (MAYAUD) 11 April 2002 (11.04.2002), see entire document, especially paragraphs [0039] and [0041-0045].	1,17,33
A	US 6,188,988 B1 (BARRY et al.) 13 February 2001 (13.02.2001), see entire document, especially column 15, lines 12-40.	1,17,33
A	SAMUELS et al., "Extending the Feature Dictionary to Support Sophisticated Feature Interaction and Classification", 2nd Annual IEEE Symposium on Computer-Based Medical Systems, June 1989, pages 29-35.	1,17,33

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

21 August 2003 (21.08.2003)

Date of mailing of the international search report

17 SEP 2003

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Facsimile No. (703)305-3230

Authorized officer

Anil Khatri

Telephone No. (703) 305-3900